

Customer No.: 31561
Application No.: 10/707,458
Docket NO.: 12137-US-PA

AMENDMENT

In the Claims :

1. (currently amended) A universal antenna adapter for engaging with a ~~fixed antenna or~~ a detachable antenna, wherein the ~~fixed antenna has a circular plug with a latching spring plate attached to one end of the circular plug and~~ the detachable antenna has an antenna body and an antenna connector, the universal antenna adapter comprising:

a circular opening for ~~receiving the circular plug on the fixed antenna or~~ permitting one end of the antenna connector of the detachable antenna to pass through and engage with the antenna main body;

a latching hook structure set around the circular opening, ~~wherein such that the latching spring plate clicks onto the latching hook structure and locks up the fixed antenna and the universal antenna adapter after inserting the circular plug of the fixed antenna through the circular opening, or,~~ the latching hook structure clicks onto the antenna connector of the detachable antenna to prevent the antenna connector from rotation or up/down movement after inserting one end of the antenna connector through the circular opening; and

a fixed spring plate set as a split latching hook structure such that the antenna connector is prevented from moving forward or backward after clicking onto the latching hook structure.

2. (original) The universal antenna adapter of claim 1, wherein the adapter further comprises:

a body casing having at least two interior surfaces, wherein the circular opening is

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set on one interior surface and the fixed spring plate is set on the other interior surface;
and

a cover plate and a base plate for gripping the casing body.

3. (original) The universal antenna adapter of claim 2, wherein the adapter further comprises a fixed blocking wall set on the cover plate for limiting the forward and backward movement of the antenna connector.

4. (original) The universal antenna adapter of claim 3, wherein the fixed blocking wall faces the circular opening after the casing body is gripped between the cover plate and the base plate.

5. (original) The universal antenna adapter of claim 2, wherein the interior surface with the circular opening and the interior surface with the fixed spring plate are perpendicular to each other.

6. (original) The universal antenna adapter of claim 1, wherein the fixed spring plate deforms elastically to allow the passage of one end of the antenna connector through the circular opening and then snaps back automatically to lock the antenna connector and the latching hook structure together.

Claims 7-11 (canceled)

12. (original) The universal antenna adapter of claim 1, wherein the main body of the detachable antenna passes through the circular opening and fastens to the antenna connector using screws.

Claims 13-15 (canceled)